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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/621,783	07/21/2000	Junichi Tanahashi	36.P270	4974

5514 7590 09/12/2005

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NEW YORK, NY 10112

EXAMINER

BRINICH, STEPHEN M

ART UNIT	PAPER NUMBER
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2624

DATE MAILED: 09/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT	PAPER
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20050901

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Office Action Summary

Application No.

09/621,783

Applicant(s)

TANAHASHI ET AL.

Examiner

Stephen M. Brinich

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 25-34, 44-55 and 60-68 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 25-34 and 44-52 is/are allowed.
- 6) ☒ Claim(s) 53-55 and 60-68 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 53-55 & 60-68 are rejected under 35 U.S.C. 102(e) as being anticipated by Kawamoto et al.

Re claim 53, 60, 63, & 66, Kawamoto et al discloses a system (Figures 1-2; column 7, lines 21-43; column 8, lines 40-61) in which print data (constituting "a plurality of pages" at least in the case when a new document is printed following the printing of a previous document) is received. The format of the print data is analyzed (source code recognizer 20, token analyzer 21, syntax analyzer 22, document configuration analyzing section 23, resource attribute analyzing section 24), and in accordance with the result objects of print data are assigned (print information splitting section 25) among a plurality of parallel developing sections for developing the print data into image data (developing sections 7, 7', 7'', etc). The resulting image data is then printed (printing engine 9).

Further re claim 53, Kawamoto et al further discloses (column 6, lines 25-34; column 7, lines 21-43, particularly lines 29-34) that several different print data formats, including PDL (page description language) formats such as

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Interpress and non-PDL formats such as GDI (Graphics Design Interface), are used in the Kawamoto et al system (column 7, lines 29-30) and that page description language source code is recognized (column 7, lines 33-34). The recognition of a print data format is clearly inherent to the recognition of specific elements conveyed in that format, as the latter would clearly not be possible without the former. The processing of the print data (which is then assigned to developing means) is based on the result of this recognition.

Re claims 54-55, 62, 64-65, & 68, the recited specific data format limitation is inherently met when the Kawamoto et al. device is given input print data in the recited format.

Re claims 61 & 67, Kawamoto et al. describes the processing elements as personal computers or workstations (column 6, lines 25-26). A personal computer, as the term is understood by one of ordinary skill in the art, necessarily includes a video processing element in order to provide a visible user display to enable normal operation.

Allowable Subject Matter

3. Claims 25-34 & 44-52 are allowed.
4. Applicant's arguments, see Remarks filed 05/24/04 (page 11, line 13 - page 15, line 22), with respect to claims 25-34 & 44-52 have been fully considered and are persuasive.

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Response to Arguments

5. Applicant's arguments filed 7/18/05 with respect to the rejections of claim 53 (and dependent claims 54-55) under 35 USC §102 have been fully considered but they are not persuasive.

Re claim 53, Applicant argues (7/18/05 Response: page 12, line 11 - page 13, line 4) that Kawamoto describes printing passed on data in a page description language, but nowhere describes printing of print data that is not in a page description language.

However, as noted above, Kawamoto discloses (column 6, lines 25-34) a print information file containing GDI data, which is recognized by Applicant as data not in a page description language (7/18/05 Response: page 12, lines 19-20).

Conclusion

6. Any inquiry concerning the contents of this communication or earlier communications from the examiner should be directed to Stephen M. Brinich at 571-272-7430.

Any inquiry relating to the status of this application or proceeding or any inquiry of a general nature concerning application processing should be directed to the Tech Center 2600 Customer Service center at 571-272-2600 or to the USPTO Contact Center at 800-786-9199 or 703-308-4357.


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The examiner can normally be reached on weekdays 7:00-4:30, alternate Fridays off.

If attempts to contact the examiner and the Customer Service Center are unsuccessful, supervisor David Moore can be contacted at 571-272-7437.

Faxes pertaining to this application should be directed to the Tech Center 2600 official fax number, which is 571-273-8300 (as of July 15, 2005).

Hand-carried correspondence may be delivered to the Customer Service Window, located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314.


Stephen M Brinich
Examiner
Art Unit 2624

smb
September 1, 2005